December 20, 1978

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U.S. GEOLOGICAL SURVEY

ALBUOULRQUE, NEW MEXICO

Mr. Marc Nelson Environmental Scientist, SRMA UNITED STATES GEOLOGICAL SURVEY Mining Operations - Conservation Division P. O. Box 26124 Albuquerque, New Mexico 87125

Re: Jackpile Mine Reclamation Plan

Dear Mr. Nelson:

In accordance with your December, 1978 request for further elaboration on the Jackpile Mine Reclamation Plan, I submit the information requested as follows:

- 1. A map (attached) showing the location of the surface and subsurface water monitoring locations and the data obtained to the present time.
- 2. A map (attached) showing the air monitoring locations.
- 3. With regard to a map showing the post reclamation drainage patterns, surface slopes and highwalls, the Laguna Tribe has expressed concern with the Company's Mining and Reclamation plan dated December, 1976. The Anaconda Company is looking forward to resolving these problem areas with the Tribe and, at such time as a mutual agreement is reached, we will forward the requested information on to you.
- 4. An estimate of the amount of standing water that will occur after reclamation, the possibility of it becoming contaminated and ways to prevent contamination, will be forwarded to you as stated in No. 3 above.
- 5. All available gamma and radon data for all previously reclaimed waste dumps and Dumps K and L has been submitted to you (W.E. 'Bill' Gray letter dated July 19, 1978). As soon as new data becomes available it will be forwarded to you.
- 6. Data showing that the species being used for revegetation do not concentrate radioactive elements or selenium was previously submitted (Bill Gray letter dated July 19, 1978). The vegetation sampling program will be initiated in the spring of 1979. The optimum

time for sampling is during periods of the most active metabolism. This is generally considered to be from late spring through early fall.

-2-

7. A replacement for page 6 (attached) of our July 19, 1978 letter, correcting the amount of cover in part (b).

Sincerely,

R.D. LYNN

General Manager

RDL/jms Encls.